

1/23

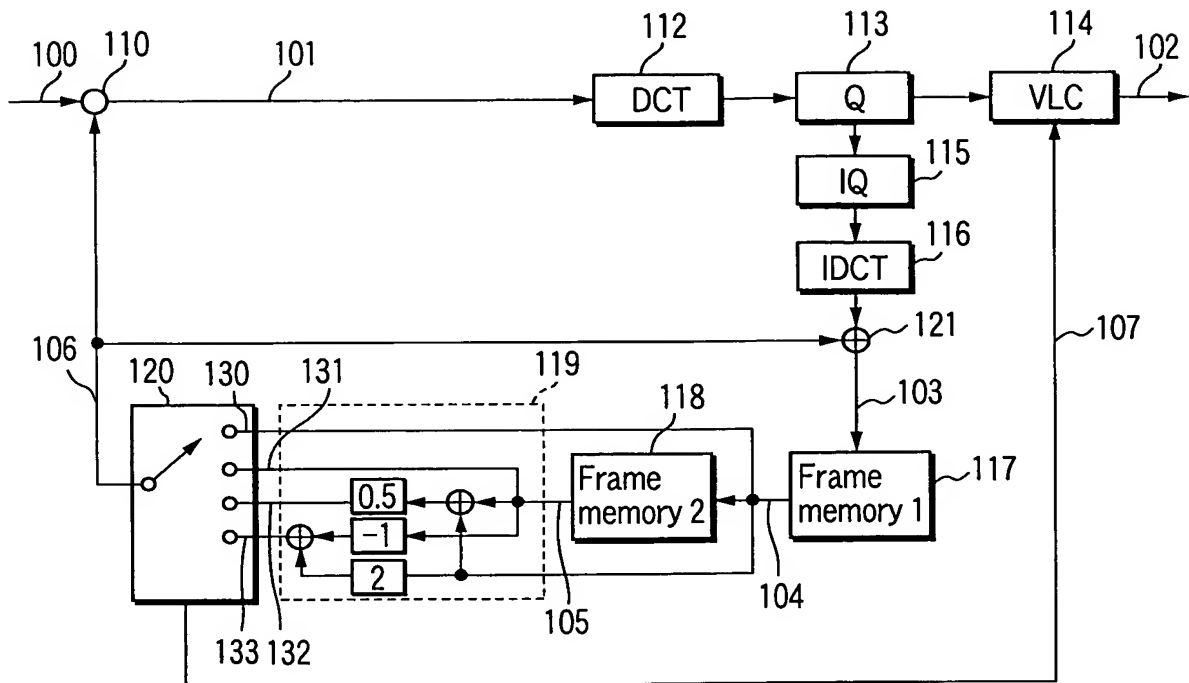


FIG. 1

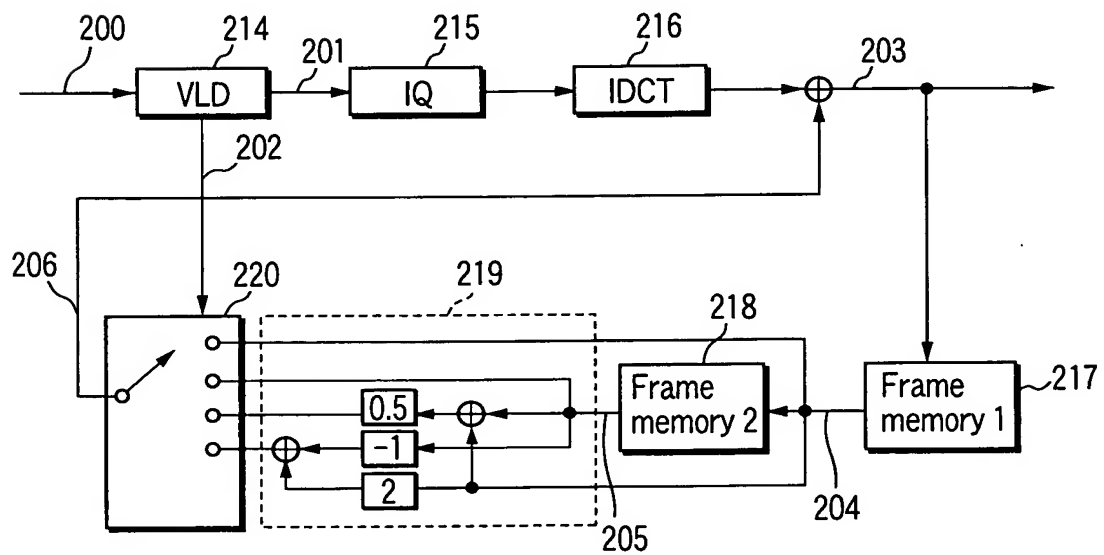


FIG. 2

2/23

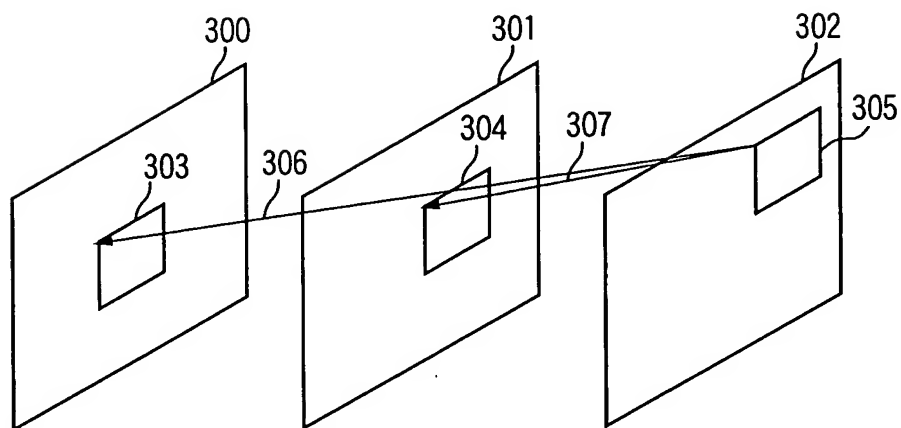


FIG. 3

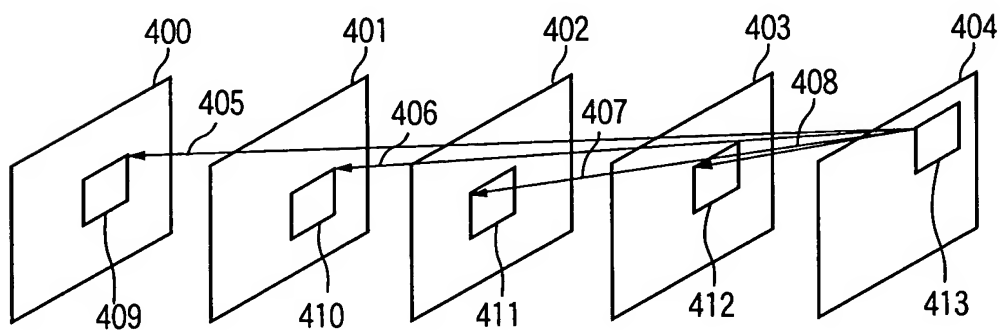


FIG. 4

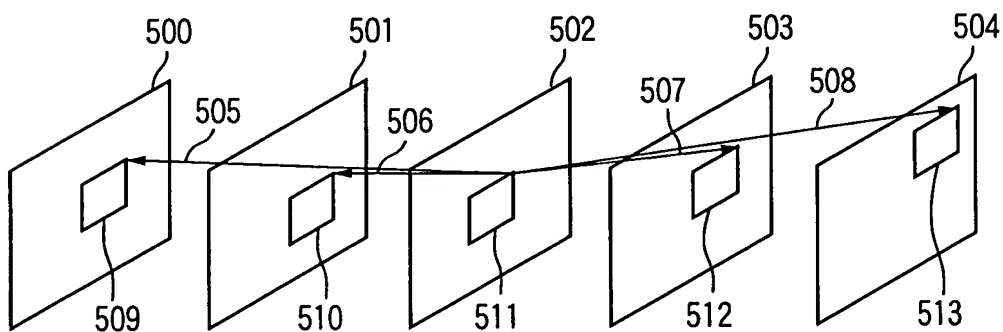
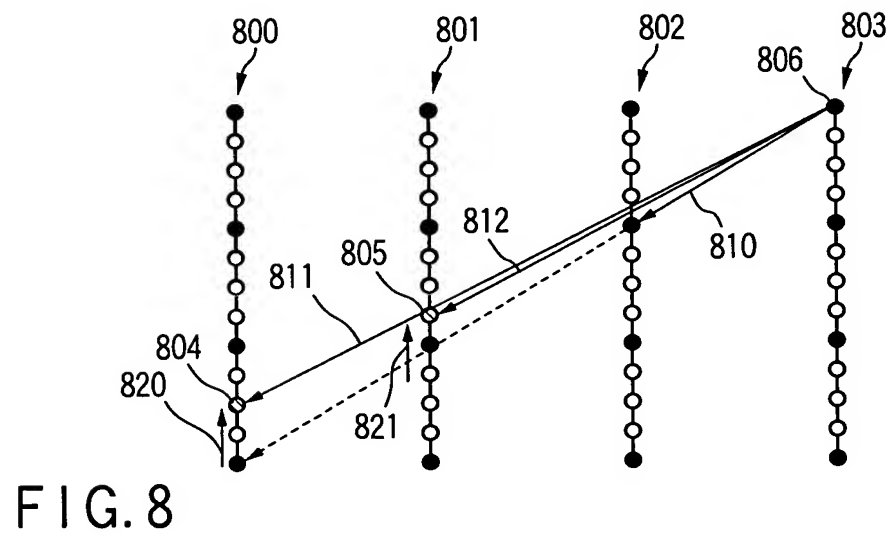
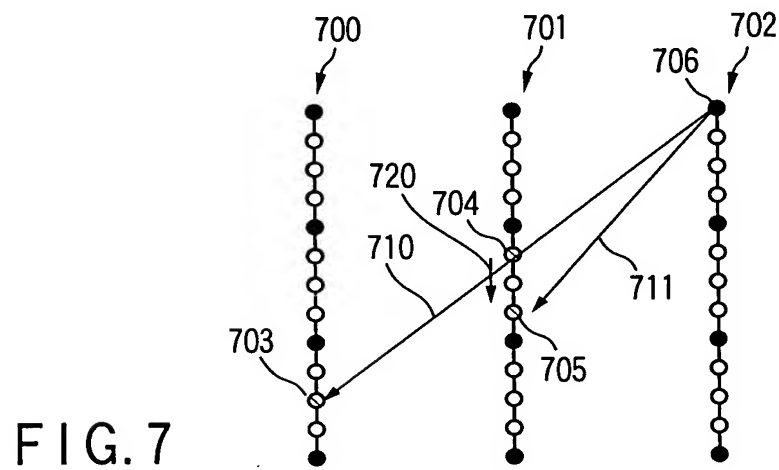
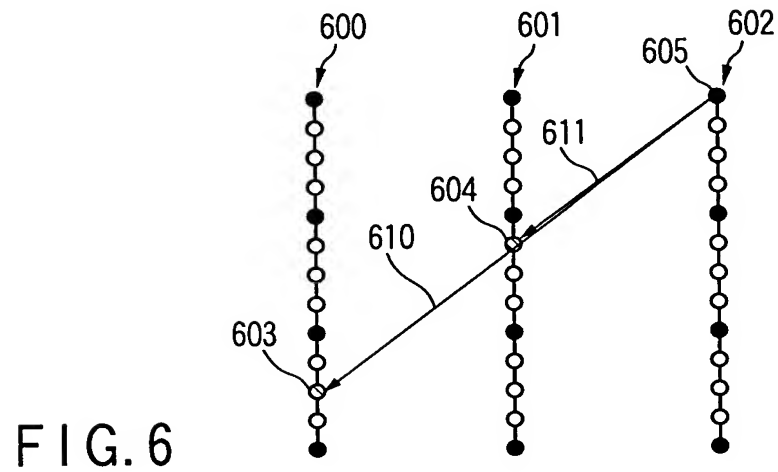


FIG. 5

3/23



4/23

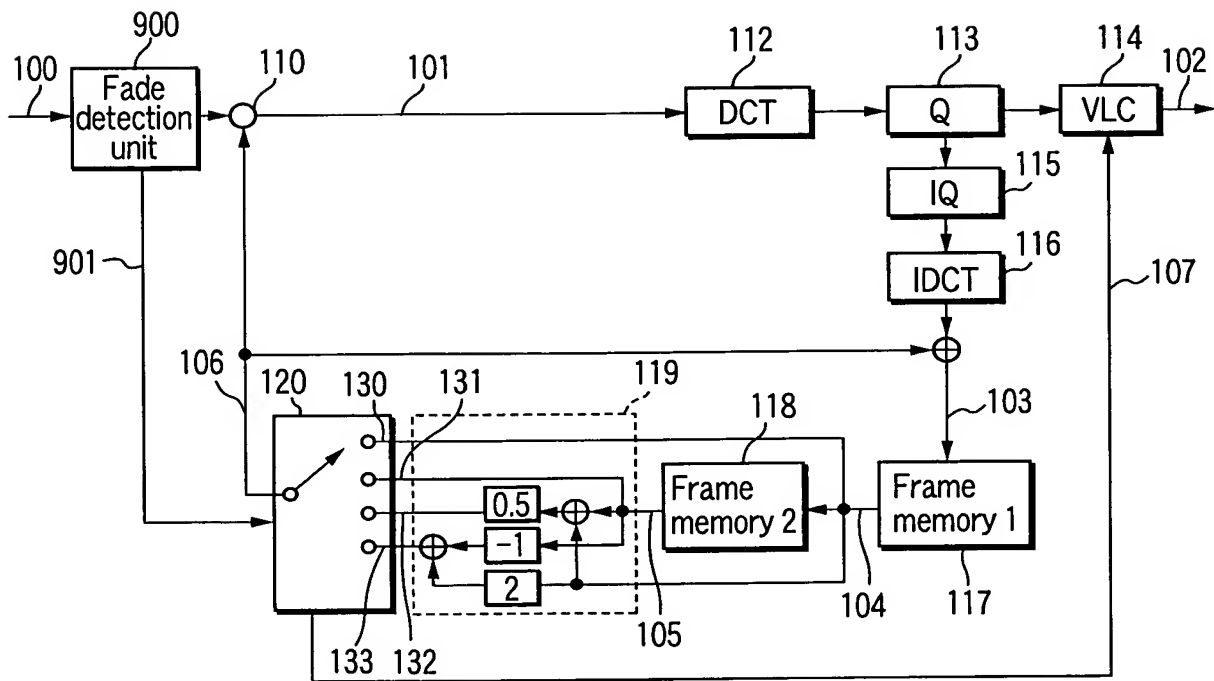


FIG. 9

5/23

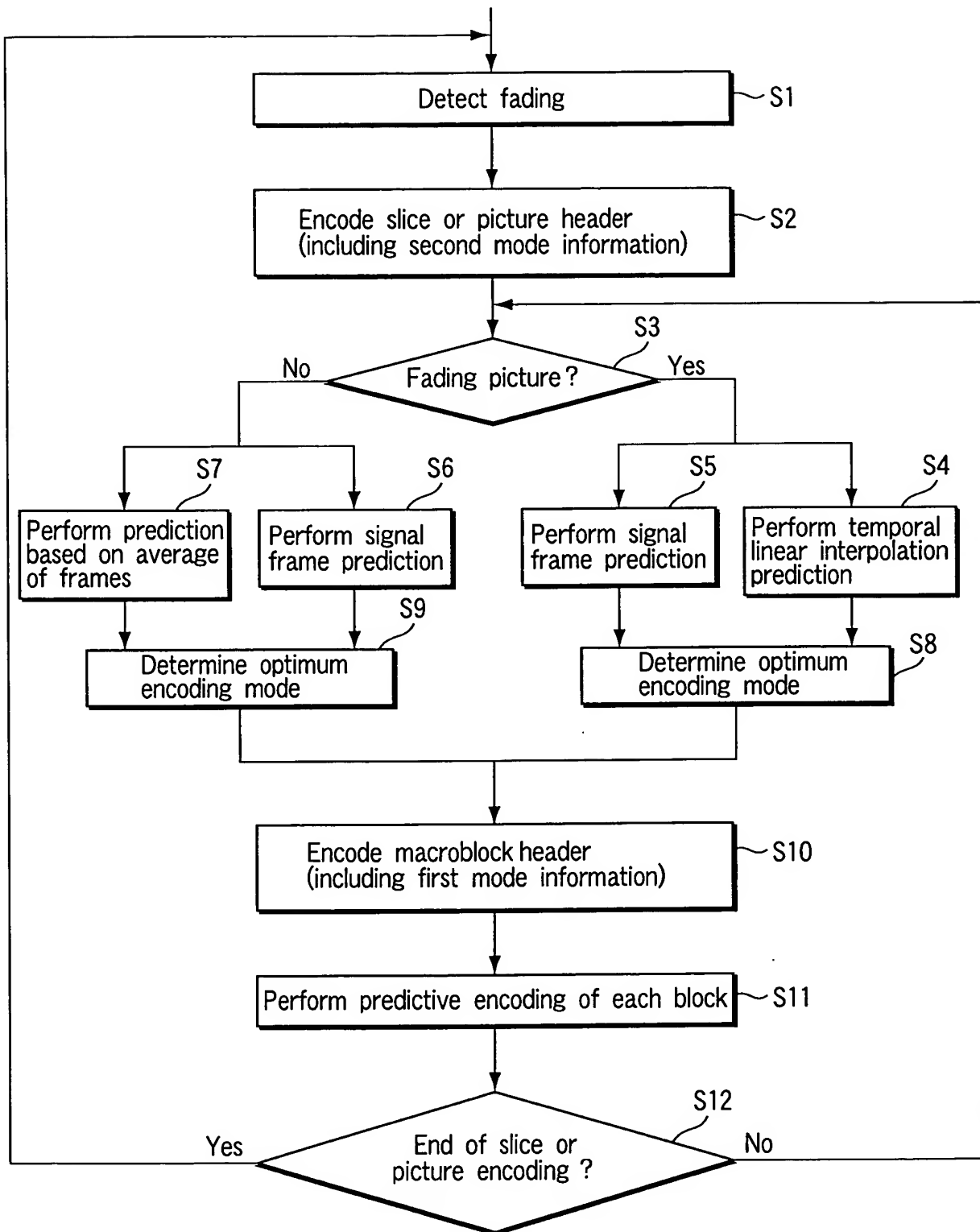


FIG. 10

6/23

```
Picture(or Slice) ()
{
    time_info_to_be_displayed
    . . .
    linear_weighted_prediction_flag
    . . .
    do {
        Macroblock()
    }while(! "end of Slice(or Picture)" )
}
```

FIG. 11

```
Macroblock()
{
    macroblock_type
    . . .
    "predictive error signal encoded data"
}
```

FIG. 12

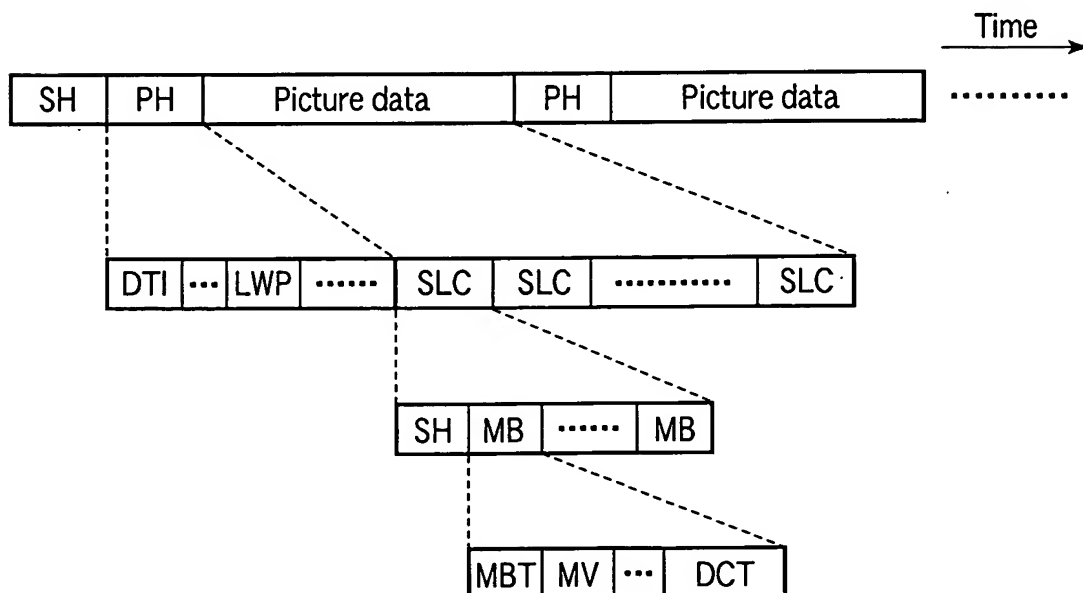


FIG. 13

7/23

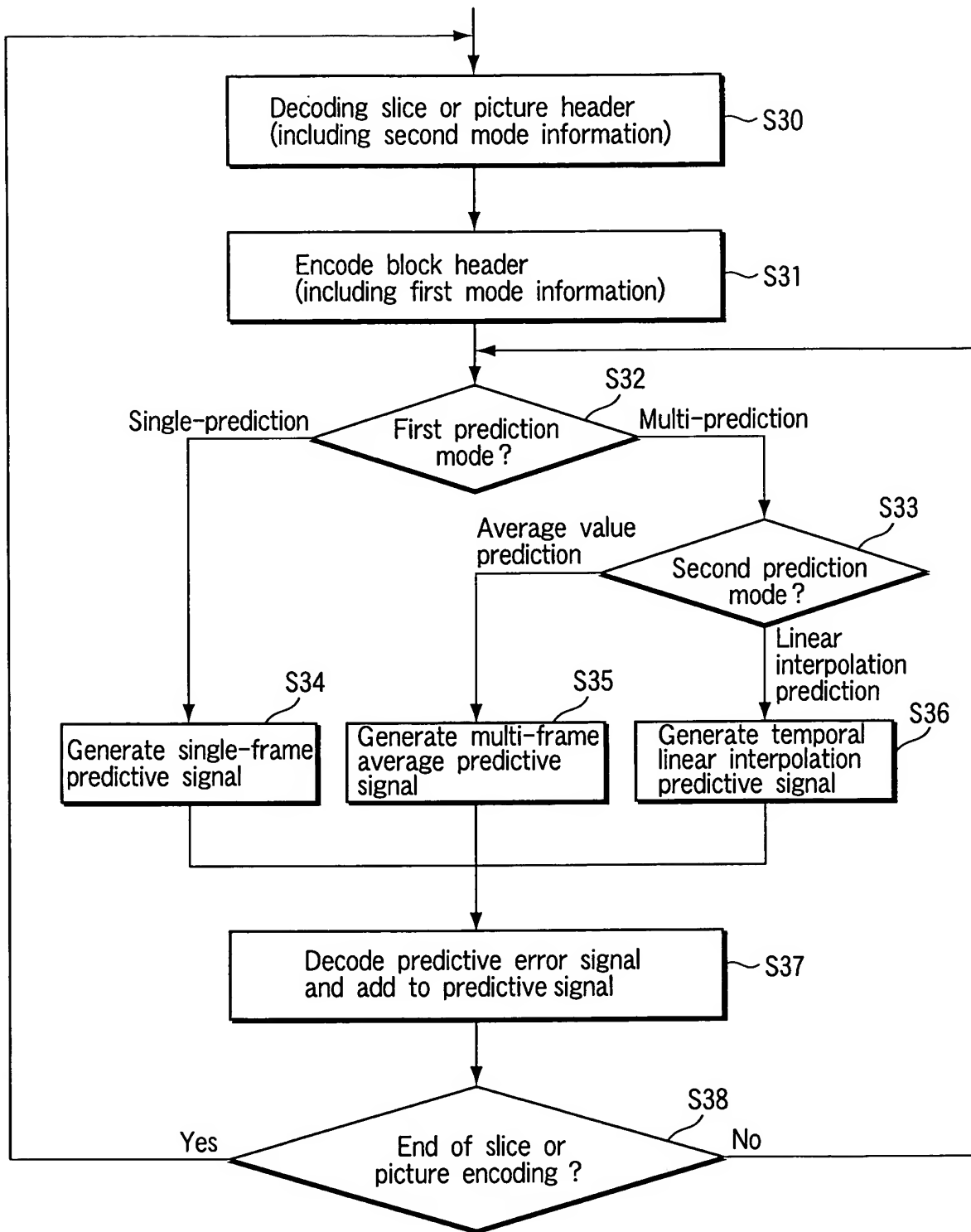


FIG. 14

8/23

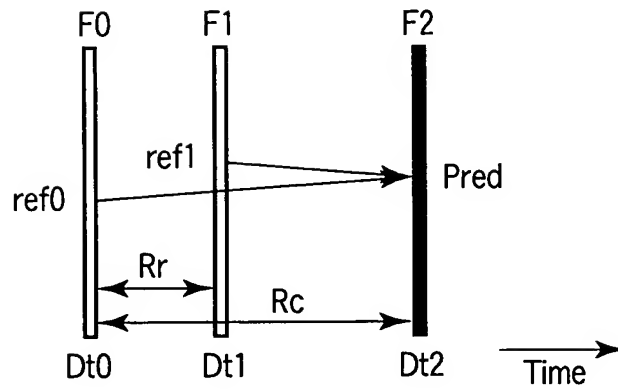


FIG. 15

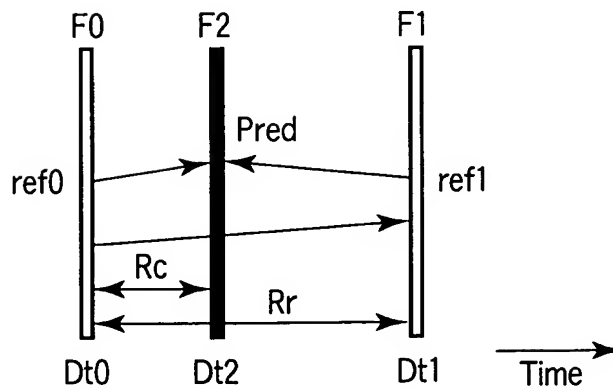


FIG. 16

9/23

| Code_number | Weighting_factors |     |
|-------------|-------------------|-----|
|             | Near              | Far |
| 0           | 0.5               | 0.5 |
| 1           | 2                 | -1  |

FIG. 17

| Code_number | Weighting_type                |
|-------------|-------------------------------|
| 0           | Average                       |
| 1           | Interpolation / extrapolation |

FIG. 18

| Code_number | Reference_frame                                   |
|-------------|---|
| 0           | Final decoded frame (one frame back)              |
| 1           | Two frames back                                   |
| 2           | Combination of one frame back and two frames back |

FIG. 19

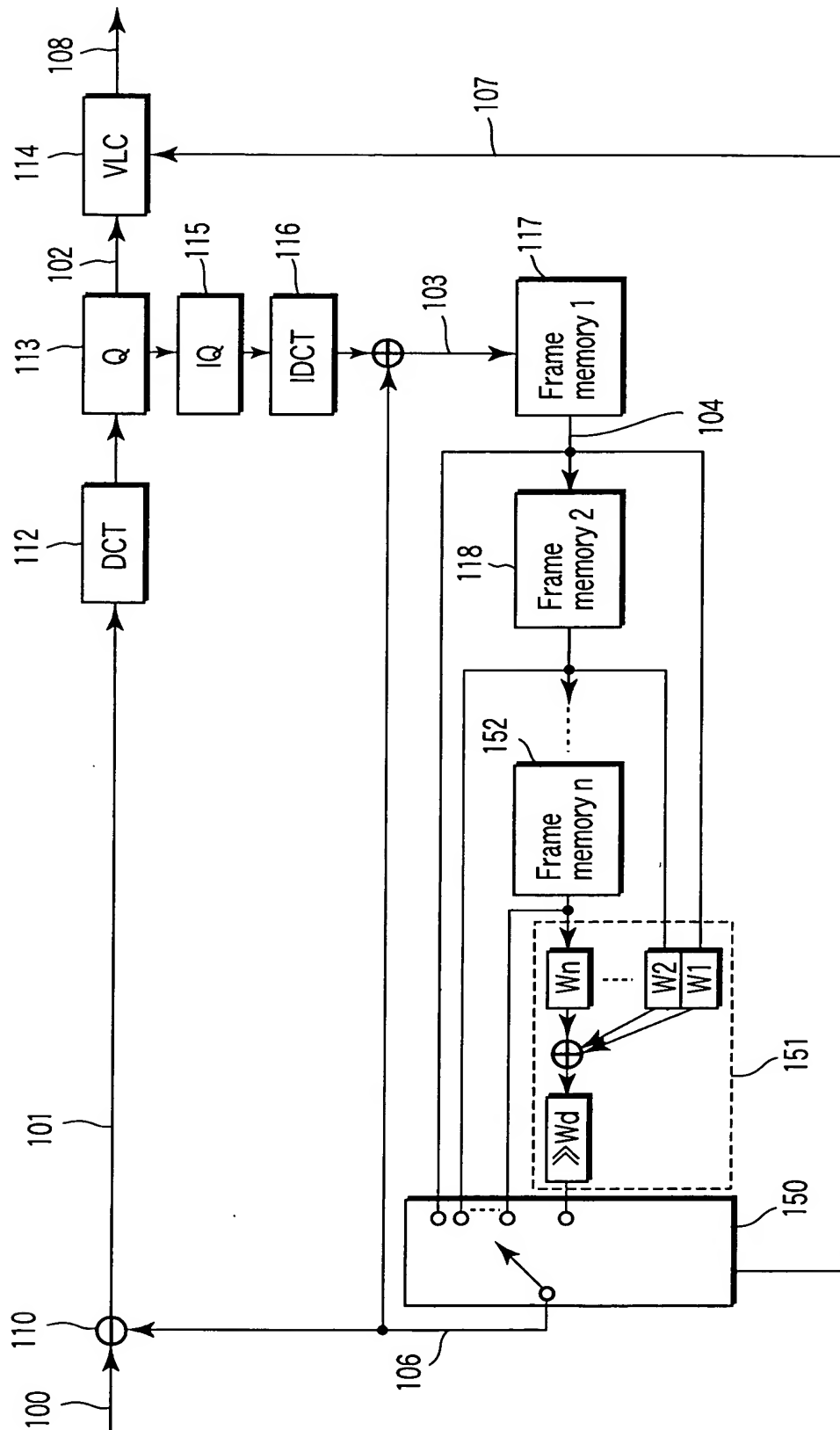


FIG. 20

11/23

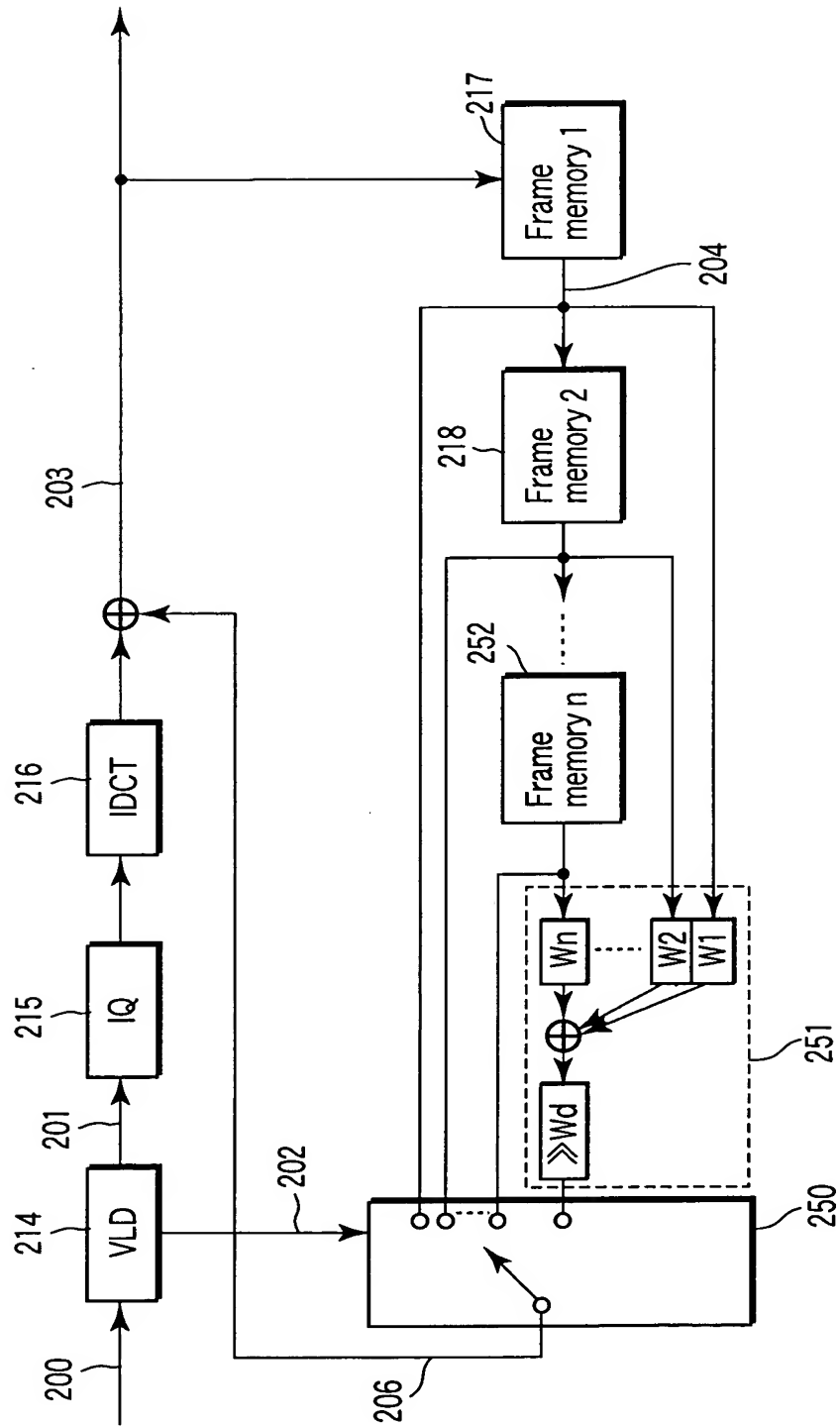


FIG. 21

12/23

```
Number_Of_Max_References  
WeightingFactorDenominatorExponent  
for(i=1; i<=Number_Of_Max_References; i++)  
    WeightingFactorNumerator [ i ]
```

FIG. 22

| Code_number | Reference_frame                      |
|-------------|--------------------------------------|
| 0           | Multiple reference prediction        |
| 1           | Final decoded frame (one frame back) |
| 2           | Two frames back                      |
| 3           | Three frames back                    |
| ...         | ...                                  |

FIG. 23

13/23

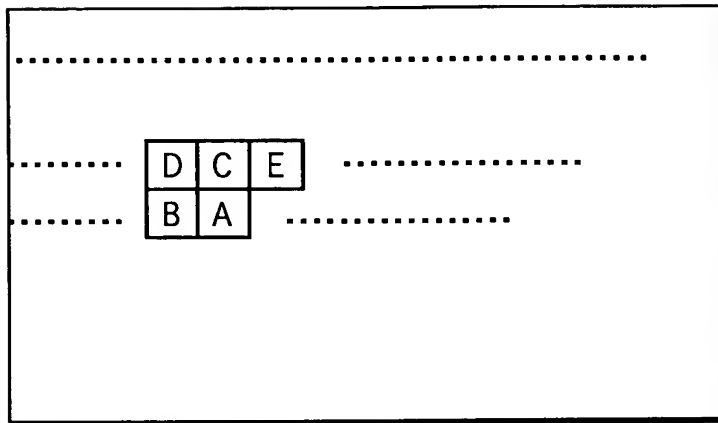


FIG. 24

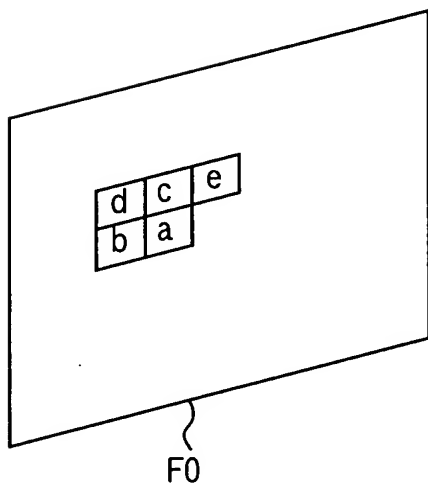


FIG. 25A

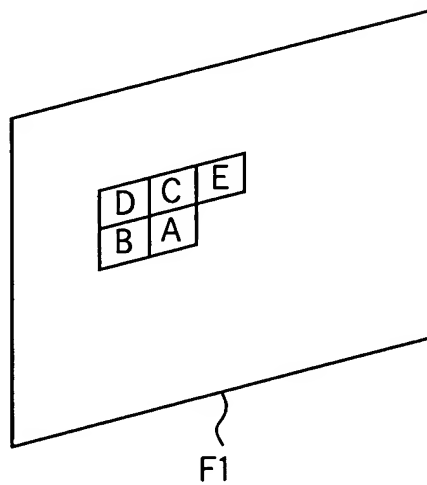


FIG. 25B

14/23

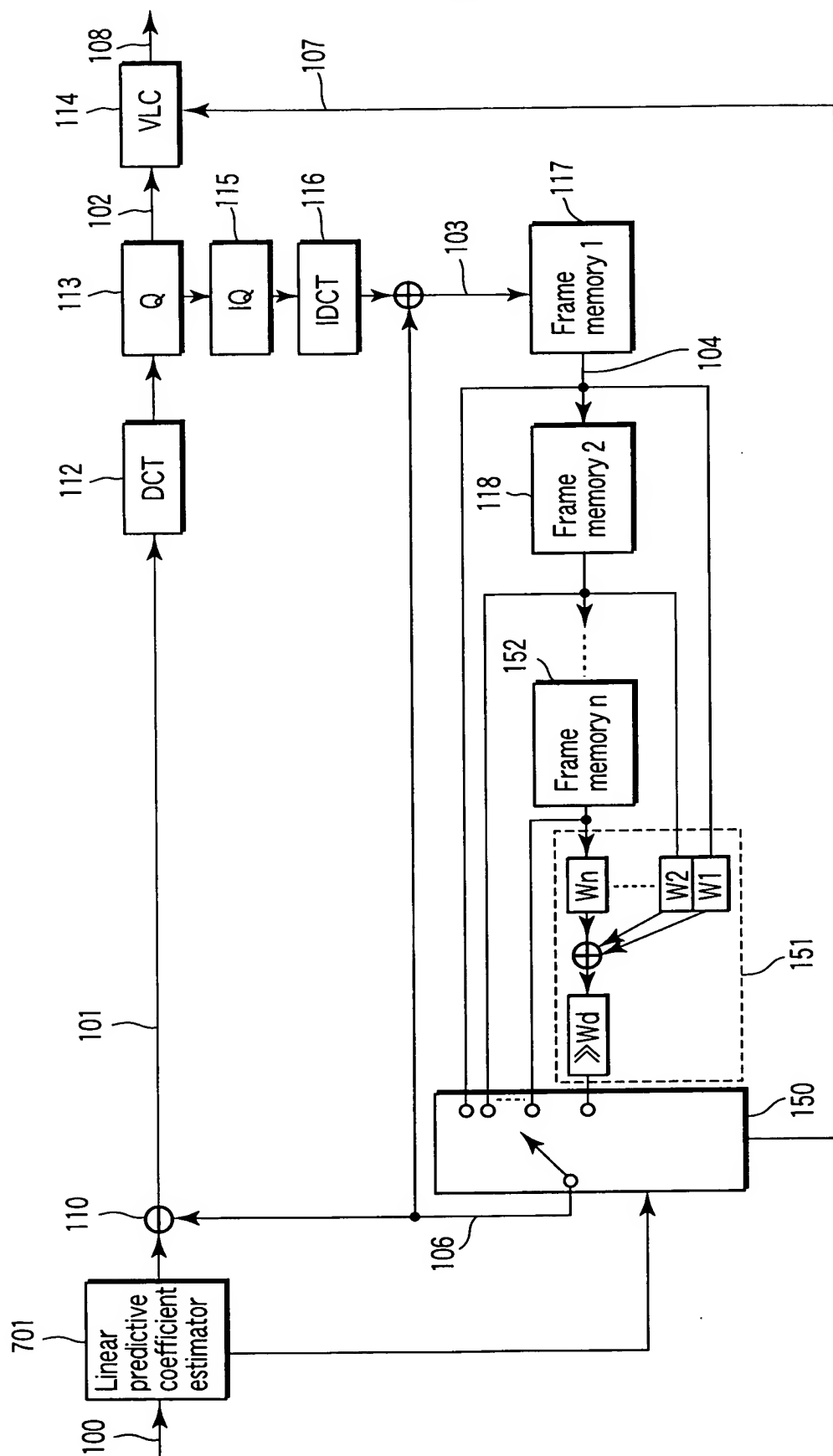
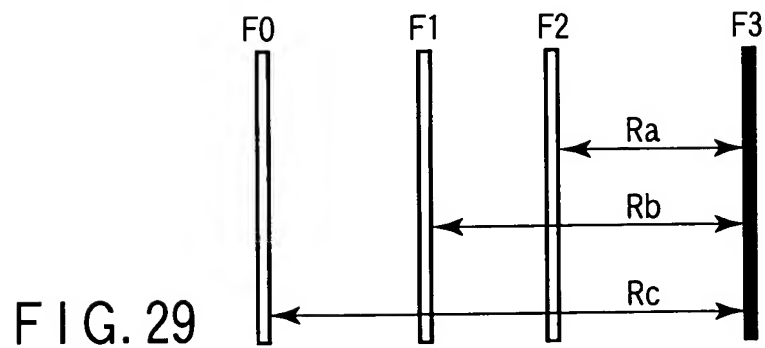
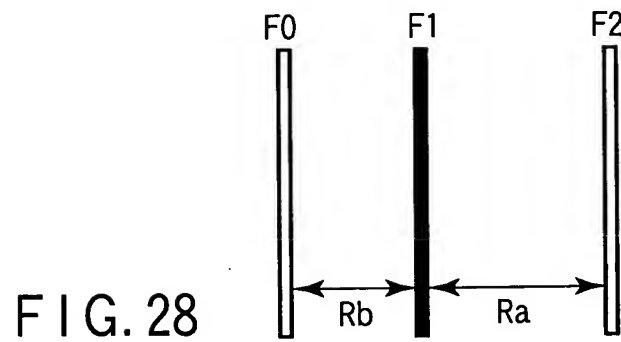
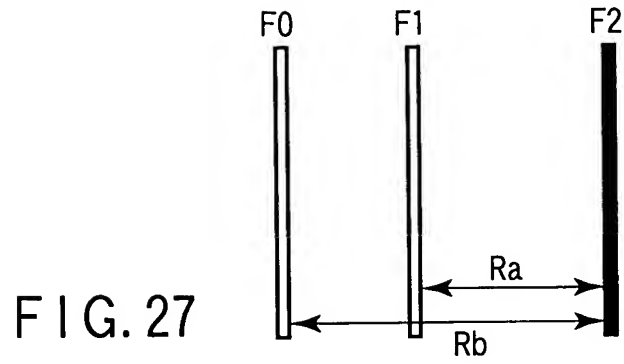
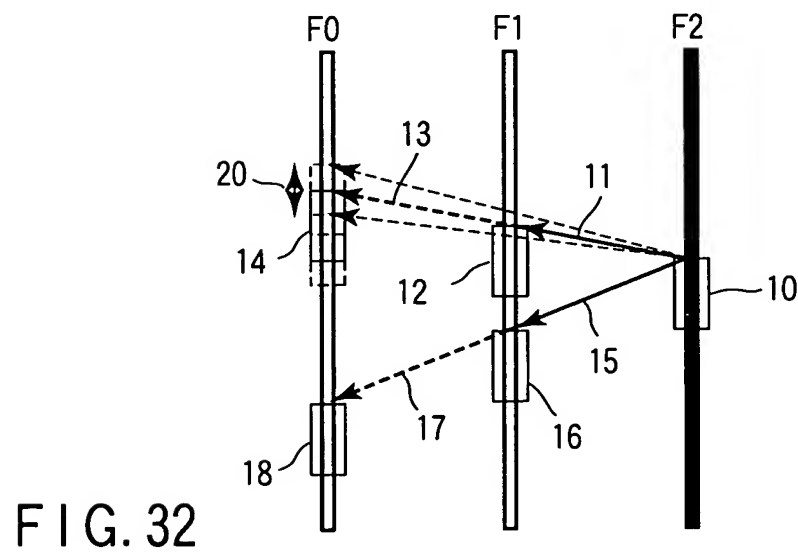
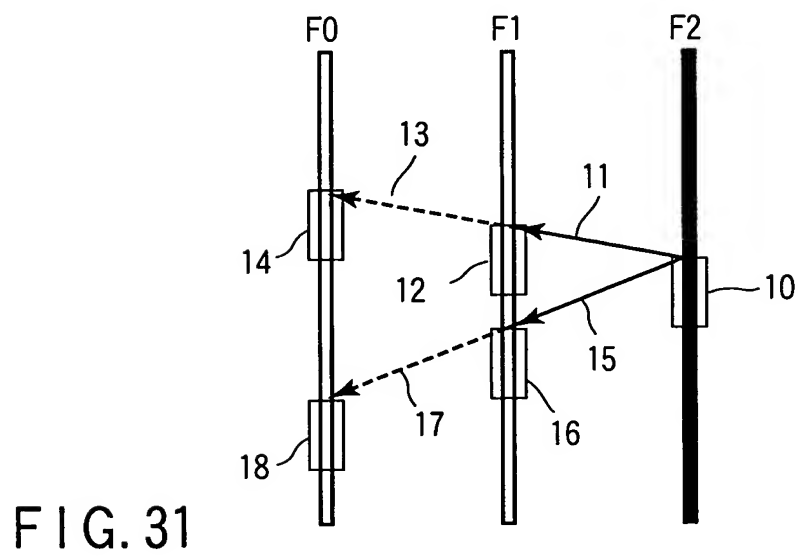
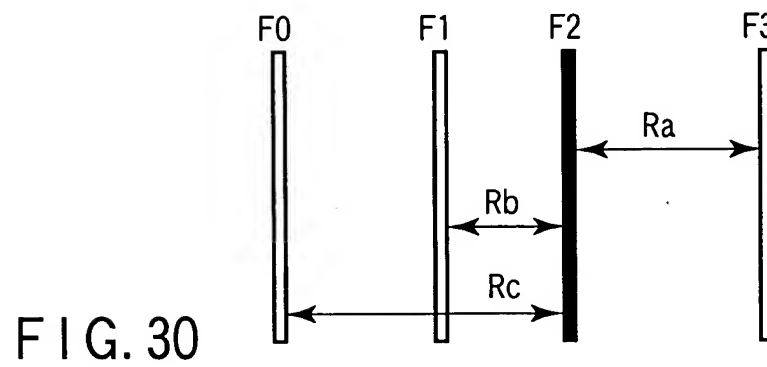


FIG. 26

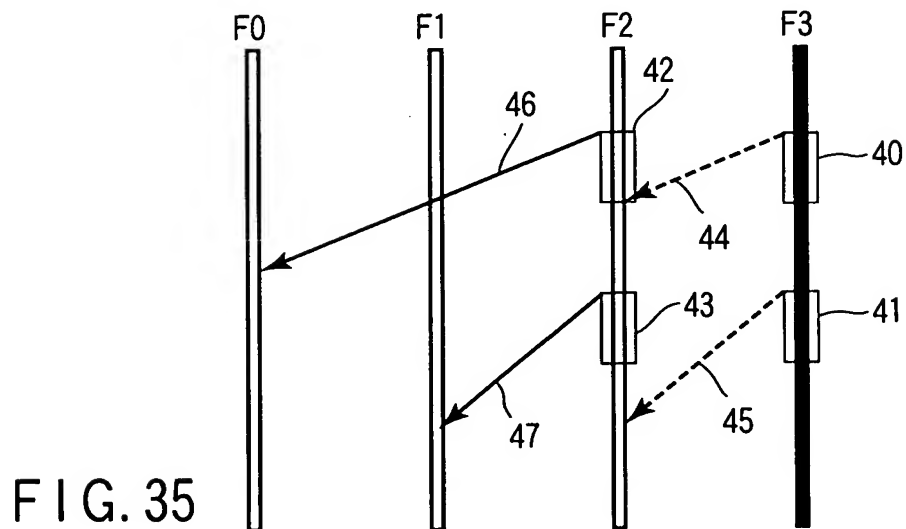
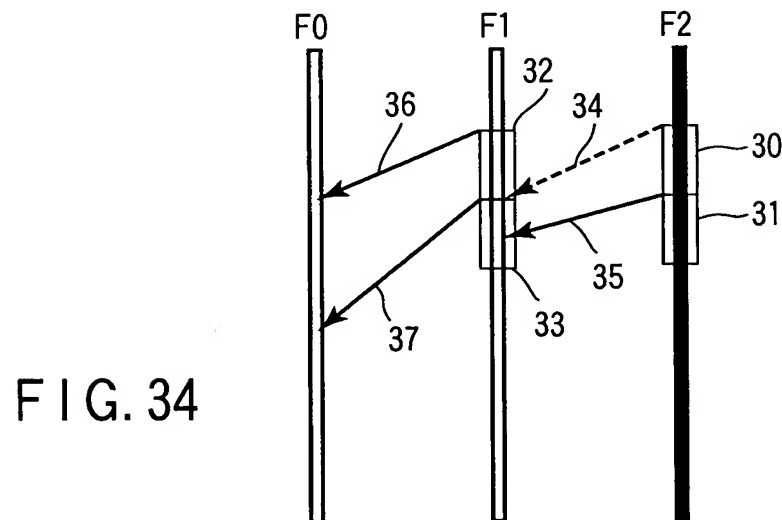
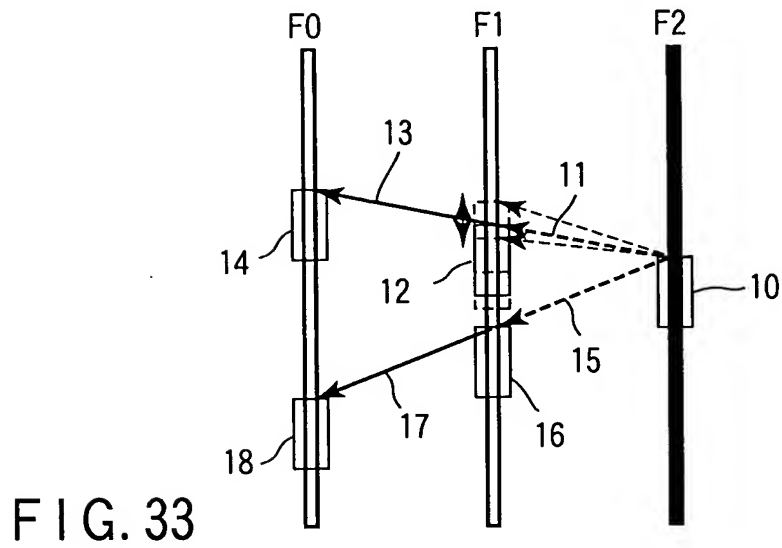
15/23



16/23



17/23



18/23

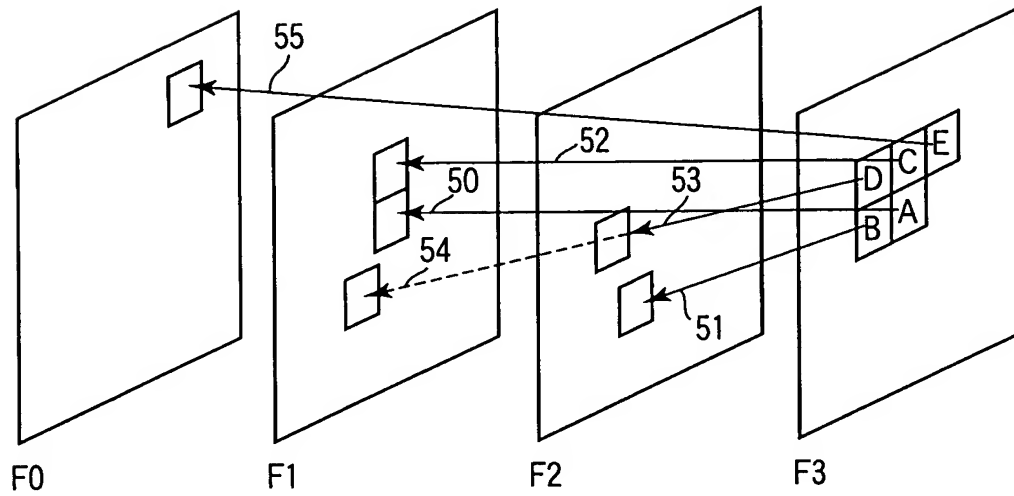


FIG. 36

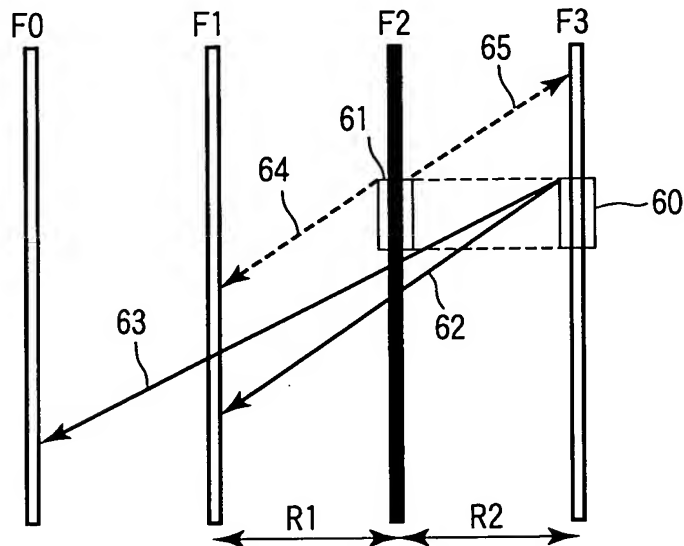
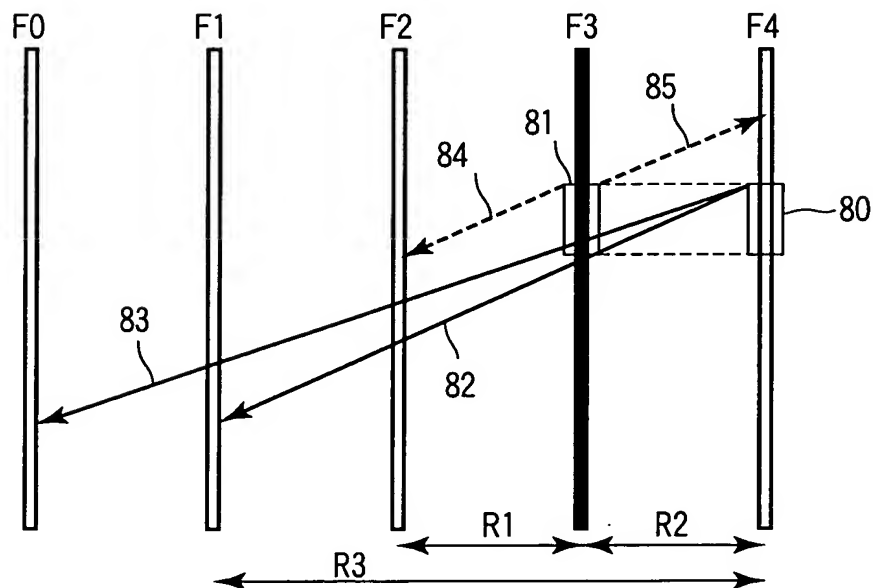
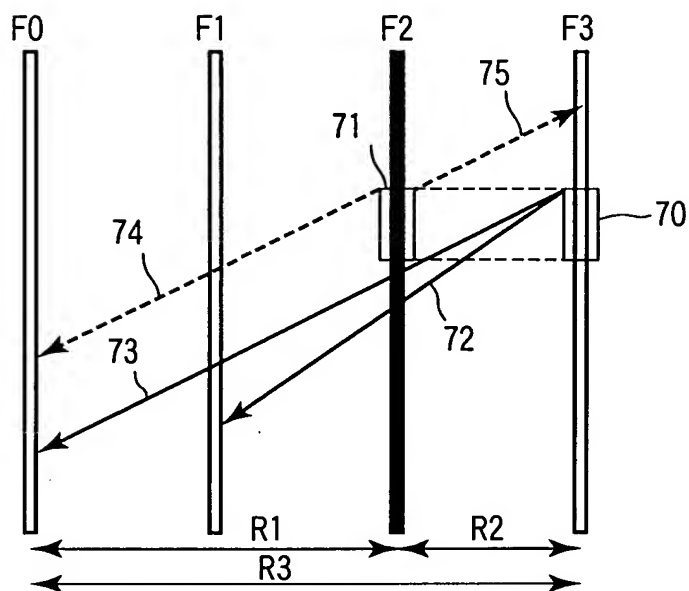


FIG. 37

19/23



20/23

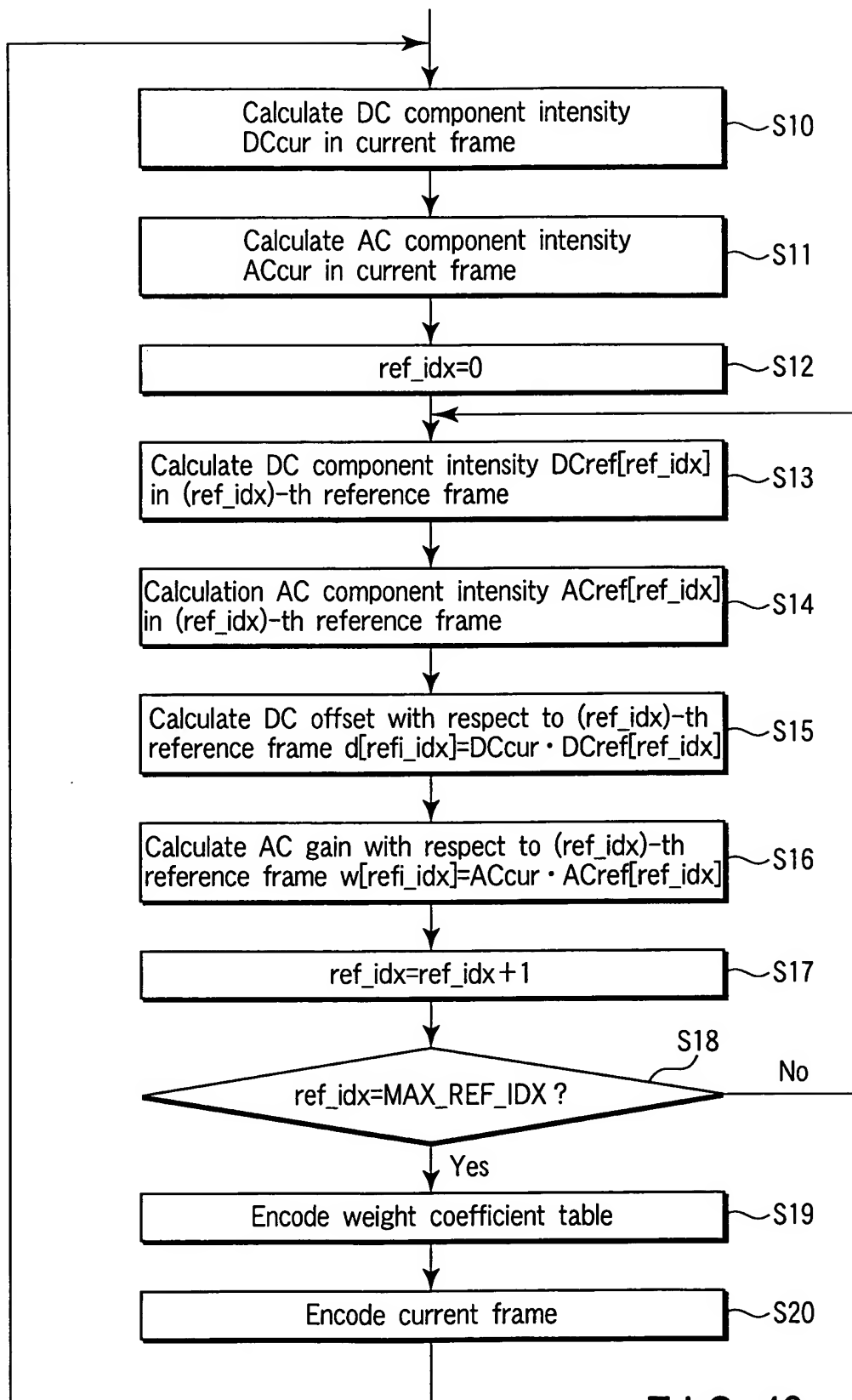


FIG. 40

21/23

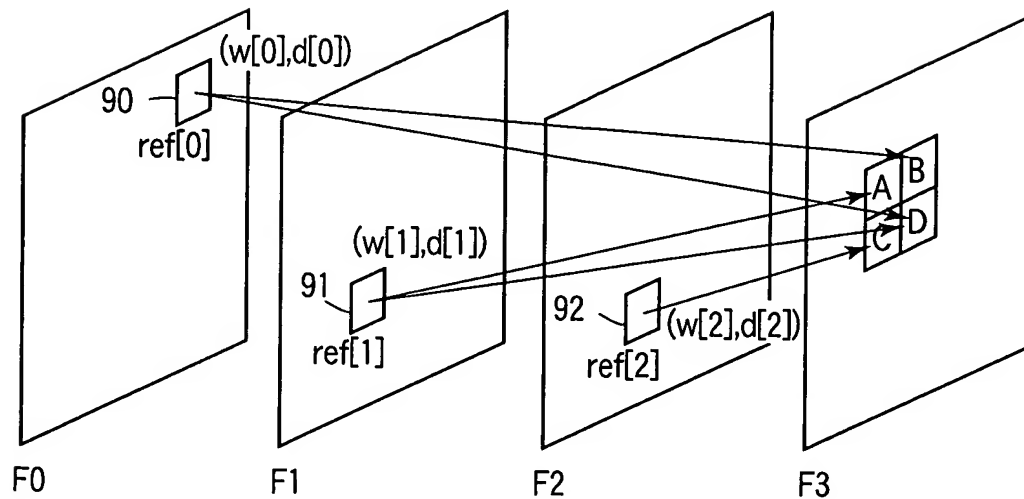


FIG. 41

```

picture(or slice)_header()
{
    . . .
    number_of_max_ref_idx
    . . .
    weighting_table()
}

```

FIG. 42

```

weighting_table()
{
    w_exponential_denominator
    for(i=0; i<number_of_max_ref_idx; i++)
    {
        w_numerator[i]
        d[i]
    }
}

```

FIG. 43

22/23

```

weighting_table()
{
  for(i=0; i<number_of_max_ref_idx; i++)
  {
    w_numerator[i]
    d[i]
  }
}

```

FIG. 44

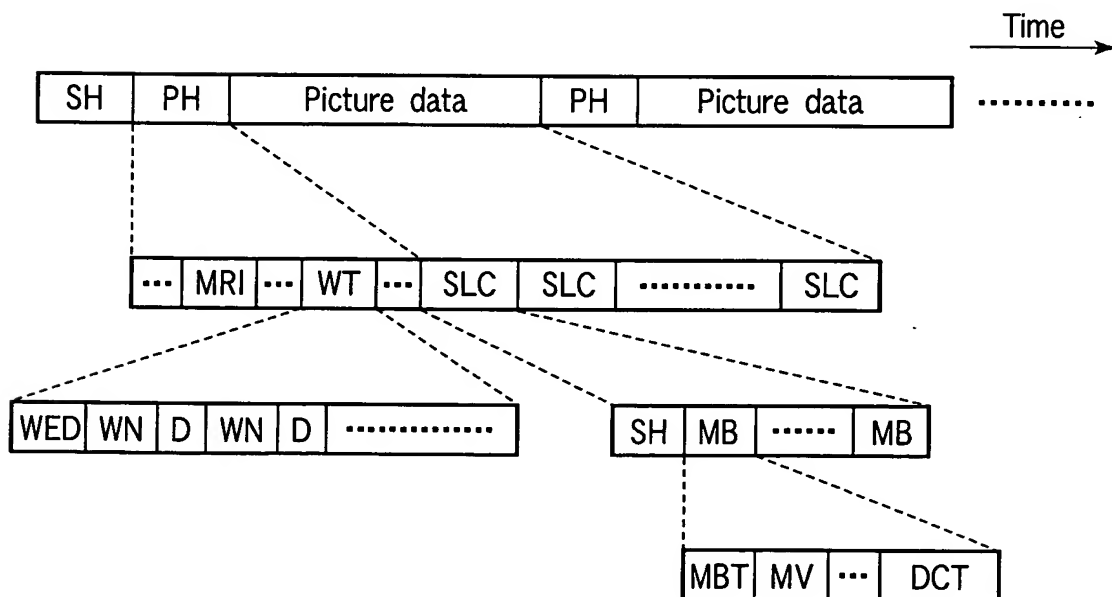


FIG. 45

23/23

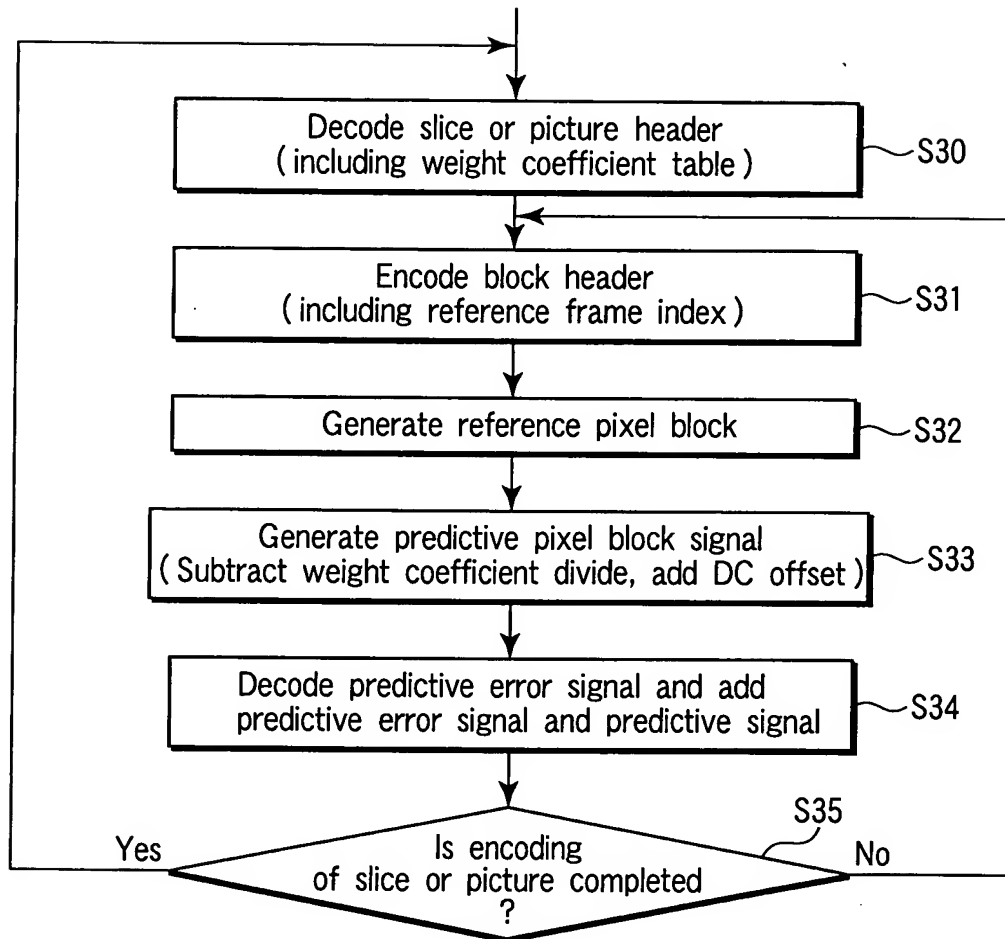


FIG. 46